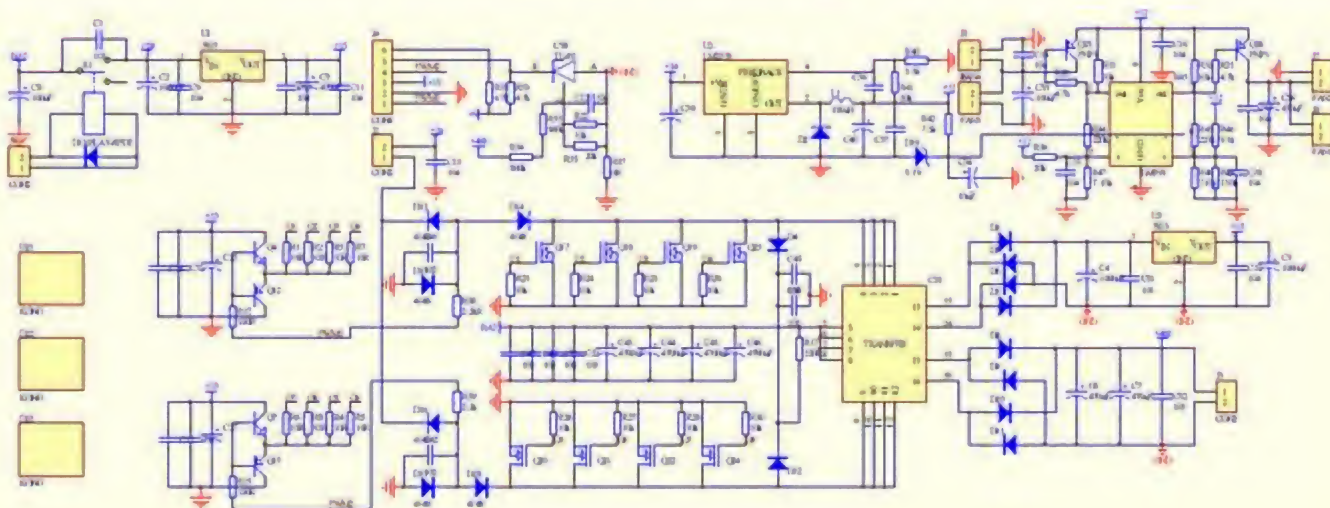
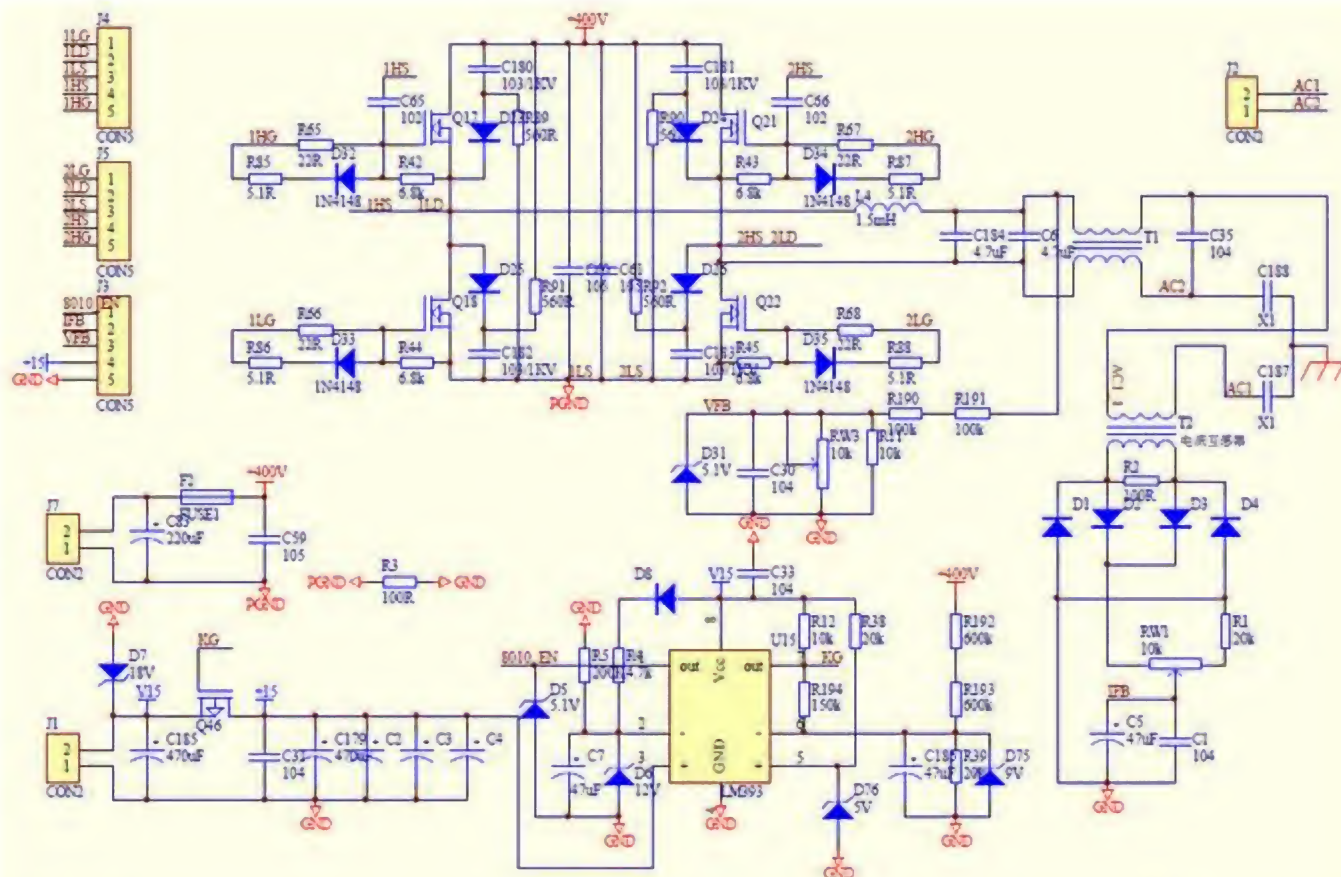
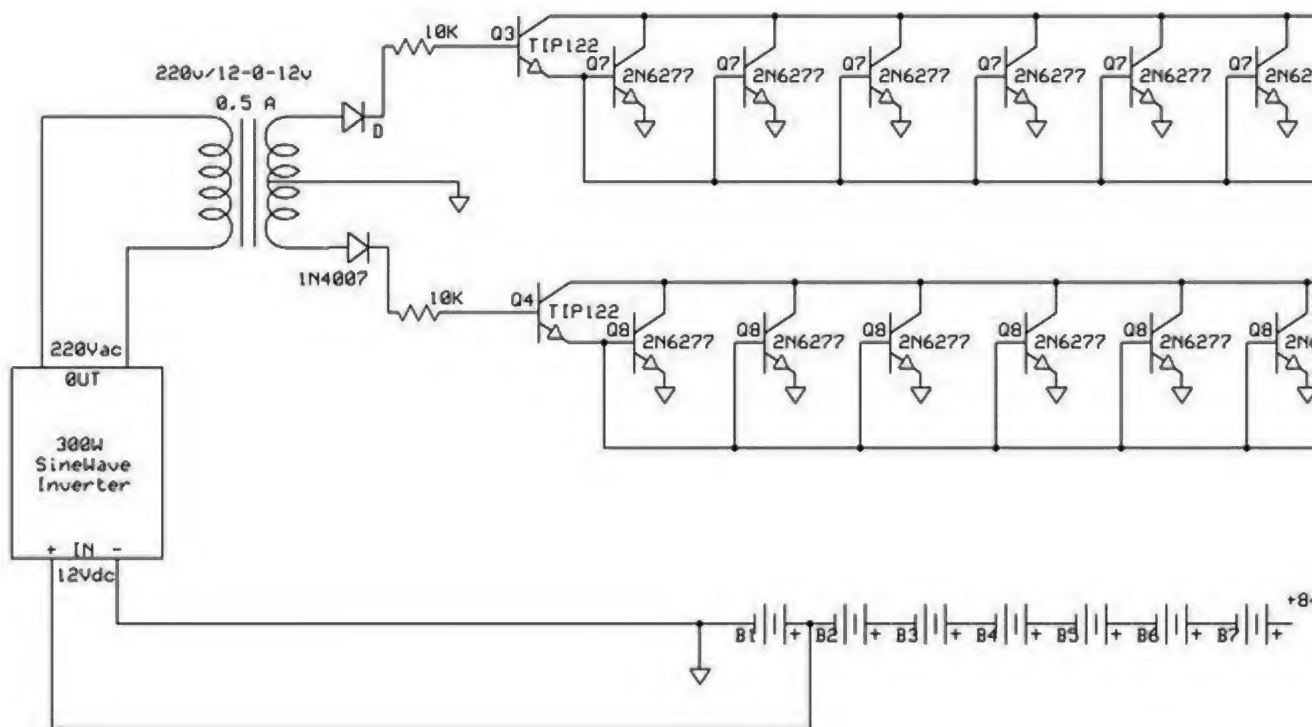


The diagram illustrates a 12V to 240V AC inverter circuit. It begins with a 5-12V DC input connected to the IC 4060 (a 16-pin CMOS divider/demultiplexer). The IC is configured with a 1MΩ resistor on pin 12, a 0.22μF capacitor on pin 16, and a 0.1μF capacitor on pin 9. Pins 8 and 10 are connected to ground, while pins 3, 4, 5, and 6 are used for the switching logic. The output of the IC drives a series of BC547B and BC557B transistors, which are part of a multi-stage push-pull amplifier. This amplifier drives the primary of a transformer, which has a secondary winding connected to a 1N5408 diode bridge rectifier. The final output is AC, with a warning label 'Danger of death' indicating high voltage. The circuit is credited to 'Swagatam'.

Exclusively Developed By Swagatam



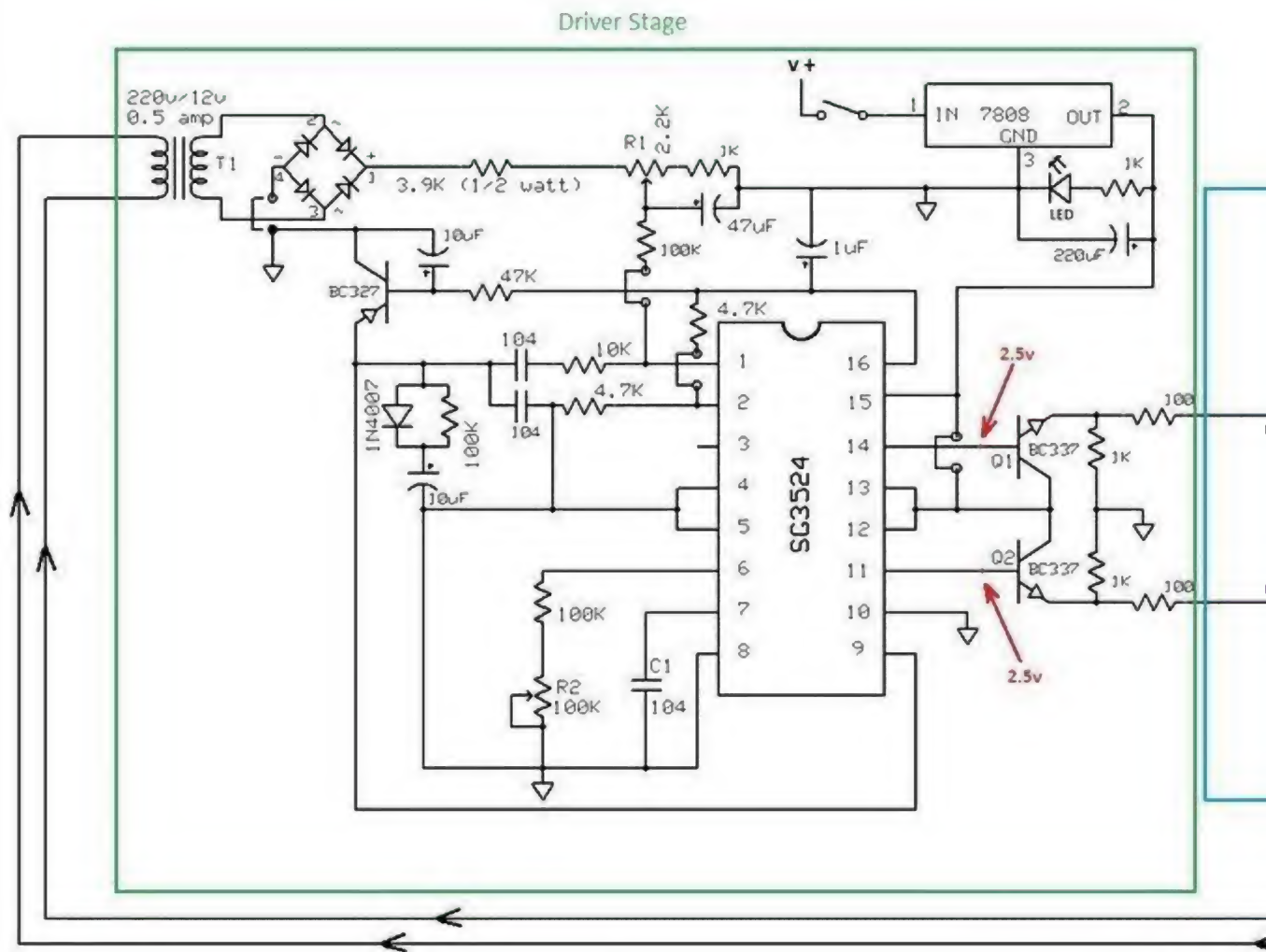
Transforming a 300W UPS to a 5000W





300W

Nick 20

250 to 5000 Watts PWM DC/AC 220V F



 Jumper
 Negative or Ground
 Dark lines indicate thick wiring

Optional circuit

Low Voltage Warning

If voltage drops to 10v
the buzzer sounds

